



## CAUTION

Before use, thoroughly read MAXAIR® CAPR® P/N 03521015 User Instructions for details. (03521015 is shipped with all CAPR Helmets and available at [www.maxair-systems.com](http://www.maxair-systems.com).)



**REF** 2270-04SM  
(Small-Medium)

**P/N** 07831036

**REF** 2270-04ML  
(Medium-Large)

**P/N** 07831037

## Symbol Definitions



Warning, Caution, or Note

**REF** Catalog Number    **P/N** NIOSH Number



## WARNING

Failure to follow User Instructions P/N 03521015 and the instructions contained herein may be hazardous to the user's health.

Use only if package is received unopened and contents are undamaged. If damage is noted, contact the shipper for replacement or repair.

Prior to using any MAXAIR® System or component, be sure to be familiar with the system's NIOSH approved configuration.

DO NOT use if any component is damaged. If any components are damaged or contaminated and therefore unfit for safe and effective use, they should be replaced immediately.

Only trained and experienced personnel who have read and understand the User Instructions should use MAXAIR Products.

The institution using this product in any application is responsible for determining the appropriateness of this equipment relative to regulatory requirements. Bio-Medical Devices Intl, Inc. does not recommend the appropriate systems for a particular institution or facility.

Use only MAXAIR Systems/ NIOSH approved compatible components.

NOT for use in atmospheres immediately dangerous to life or health (IDLH), and atmospheres containing less than 19.5% oxygen, or more than 25% oxygen.

Flammability Level I: fabric may burn if exposed to open flame.

Follow current local regulations governing biohazard waste to safely dispose of single use MAXAIR Products.

If you need more information, contact your BMDI Sales Representative, or call BMDI customer service at 1-800-443-3842.

## Intended Use

The MAXAIR CAPR Hood Systems filter aerosolized and droplet particulates and provide fluid resistance when used with a MAXAIR CAPR Powered Air Purifying Respirator (PAPR) Helmet.

Hoods are designed for single use applications.

## Standard CA-CAPR-36 System with 2270-04 DLC Single Hood



1. 2081-03 Helmet (includes 2051-07 Cage, 2071-08 Liner, and 2590-05 Power Cord)	4. 2600-02 Battery Charger**
2. 2500-36TSC Battery*	5. 2270-04 DLC Hood
3. 2000-76 Battery Belt	6. 2172-97 HLF (Heavy Loading Filter)

\*The 2500-37TSC and 2500-30TSC are alternate batteries.

\*\*The 2600-01 is an alternate charger.

## Specifications

MATERIAL	TYPE	FLUID RESISTANCE*
Body (Shroud)	Polypropylene	Level 4 compatible (seams included)
Lens	Polycarbonate	Level 4 compatible
Filter	Polypropylene	Level 3 compatible
HLF	Fully Synthetic Media	Unknown

\* Internal test data demonstrates material compatibility with the liquid barrier performance classification levels described in ANSI/AAMI PB 70:2012 for isolation gowns, etc. Seams between non-like material are excluded.

## Recommended System Temperature Limits

Use/Handling: 0°C to 54°C at a maximum 80% Relative Humidity.

Charging: 0°C to 45°C at a maximum 80% Relative Humidity.

Storage: 0°C to 35°C at a maximum 80% Relative Humidity.

## Regulatory

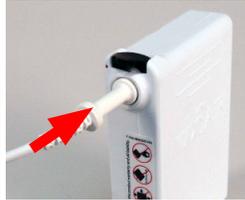
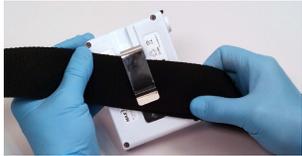
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### Don Battery and Belt



Connect Battery to Belt with Battery clip detent resting on the clip and not the Belt. Then place Belt around waist, typically with the Battery towards the rear of the right hip. To begin air flow, insert the Helmet Power Cord Connector into Battery Connector receptacle until the Secure Lock audibly clicks.



### NOTE

The outer gown may be donned up to about the waist before donning the battery, and then completed, or donned fully after the battery is donned and connected.



### NOTE

Depending on the anticipated comfort level when fully gowned, the Helmet Air-Flow Level may be set to Med of High.

### Don Helmet, Hood, and HLF

1. Remove Hood and Heavy Loading Filter (HLF) from packaging and inspect to ensure they are ready for safe use.



### WARNING

HFR FCC is optional; HLF is NOT optional.



2. Turn Headband Ratchet Knob counter-clockwise to loosen headband for ease of donning Helmet.

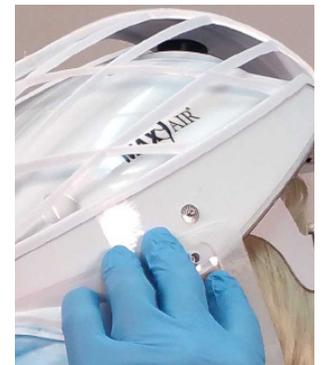
3. Position Helmet on head with front Headband within 1/2 inch of eyebrows.

4. Turn Ratchet Knob clockwise to tighten Headband as tight as comfortable to secure Helmet to Head for all anticipated activities.



### NOTE

Unless the wearer has a very small head/face size, it is usually best to start with the ML size; see Note after step 9.



5. Hold Hood in one hand with Lens towards Helmet. Attach one side Hood-Lens attachment hole to respective Helmet side attachment post.

6. Attach center Hood-Lens alignment hole over Helmet center alignment post.

7. Attach other Hood-Lens attachment hole to other Helmet side attachment post.



8. Ensure the DLC Cuff Flappers are in front of Liner Side Tabs and pointing towards the temples.



9. Ensure slight tension is felt continuously while sliding the index finger between cuff and face along the chin up to the temples, from right to left side of face.



### CAUTION

If conditions in 9. are not achieved, switch to the other size Hood before proceeding.



10. Holding the Helmet securely on head, grasp back bottom of Hood Skirt and pull up, over, and down below Helmet in back.



11. Continuing process of 10, pull Hood all the way down so that Hood Filter (blue) is fully down on Helmet.



12. Ensure all Filter (blue) wrinkles above front of Lens are removed by holding Hood shroud in front below lens and in back below filter and pulling down firmly in back.



13. Initiate donning of Heavy Loading Filter (HLF) by tucking back bottom up under back bottom of Helmet.



14. Complete donning of HLF by pulling down rear-to-front and securing front bottom on Hood front velcro strips (both sides in front).



15. Ensure Hood Skirt is fully down on all sides. Secure Neck ties to within about 1/2 inch of neck. Secure body ties around waist area.

### Doff HLF, Hood and Helmet



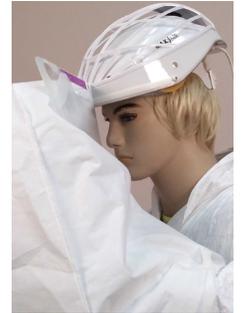
1. Untie both Neck and Body Ties. Either retie Neck ties very loosely or cut them off Hood to ensure Neck Ties do not contaminate Helmet, gown, or wearer.



2. Grasp both Body Ties and pull up to bring back bottom of Hood up and over Helmet.



3. Continue pulling Hood inside-out up and over Hood and HLF to ensure contaminated outside is folded up inside.



4. Continue pulling Hood and HLF off front of Helmet releasing the Lens from its Helmet attachment points.



5. Discard Hood and HLF per institutional protocol for contaminated waste.

6. Doff and discard gown per gown manufacturer's instructions.



7. Loosen Headband by turning Ratchet Knob fully counterclockwise.

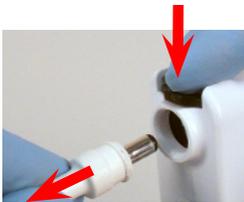


8. Lift Helmet up and off Head.



### WARNING

Refer to Users Instructions (P/N 03521015) for details on chargers and charging batteries.



1. Disconnect Helmet Power Cord from Battery - Press Secure Lock Button down to release, then pull cord connector out from Battery.



2. Unbuckle Belt and remove Battery and Belt from waste.



3. Connect Charger to a safe power source, then connect Charger to Battery by pushing its Cord Connector into Battery Receptacle until fully seated.



The entire CAPR System may be decontaminated, cleaned and/or stored at this time.